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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/661,902

Group Art Unit: 1724

Inventors: Ding et al

Filed: 9/14/2000

Title: POLYIMIDE GAS SEPARATION  
MEMBRANES

Examiner: Spitzer

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT

In the claims:

Please add new claims 29 and 30:

C1  
29. The process of claim 9, wherein said solvent system further contains up to twenty percent tertiary amines.

30. The process of claim 29, wherein said solvent system further contains an imidization catalyst.

Please amend claims 7 and 9 as follows:

C2  
7. (Twice amended) The fluid separation membrane of claim 6, wherein said protonated tertiary amine is protonated trimethylamine, protonated triethylamine, protonated tri-n-propylamine, protonated tri-n-butylamine, protonated tri-n-hexylamine or, protonated dimethylalkylamine.

C3  
9. (Once amended) The process of claim 8 wherein said solvent system is comprised of alcohols, ketones, tetrahydrofuran, dioxane, ethylene glycol monomethylether, 2,2'-didimethoxyethyl ether or mixtures thereof.

REMARKS

Claim 7 has been amended to address a typographical error.